

# THE POWER OF BLUE

## WELDING EQUIPMENT 2010



Engine Driven Machines

TIG Machines

MIG & Multi-Process Machines

Induction Heating

Ancillary Equipment

Auto-Darkening Welding Helmets



[welding.com.au](http://welding.com.au)

1300 300 884



# THE POWER OF BLUE

**The Power of Blue means doing your very best!**

Not because any plan, code or boss told you to, but because others depend on you, and on what you create. It's about the pride taken in a job well done. It's about making the next bead your best one ever, choosing the best products to help your business perform at its peak and teaching others to be the best welders they can be.

From heavy duty engine drives to high precision TIG machines, the Miller range has what you need to create your next welding masterpiece. We aim to develop products and welding solutions that are cost-effective, innovative and ultimately drive up productivity for our customers. Our customers rely on products capable of taking on the toughest welding applications and offering complete reliability, wherever the job is – be it on a mining site or in the pits of a V8 team.

# [CONTENTS]

Engine Driven Machines .....	2 - 6
TIG Machines .....	8 - 9
MIG & Multi-Process Machines .....	10 - 15
Induction Heating .....	16 - 17
Ancillary Equipment .....	18
Auto-Darkening Welding Helmets .....	19 - 21





# The Ultimate Threesome

**Weld**

**Air**

**Power**

## BIG BLUE AIR PAK™

**A COMPLETE MOBILE WELDING,  
AIR AND POWER WORKSHOP FOR  
ON SITE MAINTENANCE & FABRICATION.**

## BIG BLUE AIR PAK

Part No. MR907062011-1

### RELIABILITY

Designed and built to be the world's most reliable high output system, welder/generator/air compressor. A go anywhere solution to field jobs requiring welding, gouging or cutting, compressed air and AC power generation.

### THE ULTIMATE IN CIRCUIT BOARD RELIABILITY

99.7% reliability rating. The circuit board is enclosed in an ALUMINIUM VAULT, designed to withstand the harshest conditions – providing complete protection from dust, water and corrosion.

### SAVE ON AIR COMPRESSOR SERVICING COSTS

Ingersoll-Rand industrial rotary screw air compressor. Belt-driven with automatic belt tensioner and life expectancy of 30,000 hours. Lower parts servicing costs, \$482 every 1000 hours.

### HUGE FUEL SAVINGS

Save up to \$3000 in annual fuel usage. The Deutz Turbo Diesel Engine consumes as little as 1.4 litres/hour at idle speed.

### INDEPENDENT GENERATOR POWER

4000 watts continuous output for lighting and power tools, even while welding at 500 Amps.

### QUICK SET-UP & REVIEW

Operator friendly process selector including easy to read Amp & Volt meters.

### EXCEPTIONAL MIG RANGE

Allows precise arc conditions for 0.6-3.2mm wires.



### PRODUCTIVITY GAINS

The available short circuit current draw of over 900 Amps will handle 3mm carbons for gouging.

### FITTED WITH 2 X 240 VOLT RECEPTACLES: INCLUDES RCD & VRD

### LOW OCV - VOLTAGE REDUCTION DEVICE

Providing Open Circuit Voltage below 35 Volts for increased operator safety - AS/NZS 1674.2:2007.

OPTIONAL ACCESSORIES	PART NO.
Miller 70 series S-74S 4 roll drive wirefeeder	MR300616
Miller X-Treme suitcase wirefeeder	MR300659
Bernard 300A gun with 3.6m cable	BEQ3012AR8EM
Bernard 300A gun with 4.6m cable	BEQ3015AE8EM
Bernard 400A gun with 3.6m cable	BEQ4012AR8EM
Bernard 400A gun with 4.6m cable	BEQ4015AH8EM
Argon regulator flow gauge	HA801AR
Interconnecting lead kit 10m	AM255-0/10

ENGINE	WELDING MODE	RATED OUTPUT	WELDING CURRENT RANGE	AUXILIARY POWER	AIR COMPRESSOR	DIMENSION (mm)	SHIPPING WEIGHT
Deutz, BF-4M, 2011 64 HP Turbo Diesel	CC/DC CV/DC	600A @ 44V, 40%DC 500A @ 40V, 100%DC 400A @ 36V, 100%DC	20-750 Amps 14-40 Volts	4,000 Watts 1 PH 240V Continuous Optional 12 KW 1 PH 240V	100 PSI 60 CFM @ 100% DUTY	H: 1092 W: 724 D: 1715	899kg



# [ENGINE DRIVEN MACHINES]



## BIG BLUE 600X

Part No. MR907190-1 600X Deutz

### TURBO POWER

Heavy industrial welder/generator for serious construction, structural steel, pipe work, mining and plant maintenance. The Big Blue 600X will stand up to the toughest challenges.

### MULTI-PROCESS CAPABILITIES

MIG/FCAW/STICK/TIG/SUB-ARC/STUD Welding & Carbon Arc with a rating of 500 Amps at 100% duty cycle.

### FUEL SAVINGS

The Deutz uses as little as 1.4 litres/hour at idle speed offering a potential annual fuel saving of up to \$2000. The 95 litre fuel tank provides an average running time of 67.8 hours.

### EXCEPTIONAL MIG RANGE

Allows precise arc conditions for 0.6 - 3.2mm wires.

### QUICK SET-UP & REVIEW

Single sided access to oil level check, oil filter, fuel filter & air cleaner.

### IMPROVED OPERATOR SAFETY

While running at 500 Amps Miller is much quieter – 77 DbA.

### INDEPENDENT GENERATOR POWER

4000 watts continuous output for lighting and power tools, even while welding at 500 Amps.

### FITTED WITH 2 X 240 VOLT RECEPTACLES: INCLUDES RCD & VRD



**TRUEBLUE**  
3YR WARRANTY

### LOW OCV - VOLTAGE REDUCTION DEVICE

Providing Open Circuit Voltage below 35 Volts for increased operator safety - AS/NZS 1674.2:2007.

OPTIONAL ACCESSORIES	PART NO.
Miller 70 series S-74S 4 roll drive wirefeeder	MR300616
Miller X-Treme suitcase wirefeeder	MR300659
Bernard 300A gun with 3.6m cable	BEQ3012AR8EM
Bernard 300A gun with 4.6m cable	BEQ3015AE8EM
Bernard 400A gun with 3.6m cable	BEQ4012AR8EM
Bernard 400A gun with 4.6m cable	BEQ4015AH8EM
Argon regulator flow gauge	HA801AR
Interconnecting lead kit 10m	AM255-0/10

ENGINE	WELDING MODE	AMP/VOLT RANGE	RATED OUTPUT	AUXILIARY POWER	DIMENSION (mm)	SHIPPING WEIGHT
Deutz	CC/DC CV/DC	65-600A, 14-40V	600A @ 30V, 40%DC 550A @ 34V, 60%DC 500A @ 40V, 40%DC	4,000 WATTS (Single Phase) 240 Volts While Welding	H: 1092 W: 7240 D: 1637	724kg

# [ENGINE DRIVEN MACHINES]

## PRO 300 (400 AMP)

Part No. MR907144012-1

### DIESEL POWER

Caterpillar low speed, compact diesel welder ideal for professional welders.

### IMPROVED OPERATOR SAFETY

Resulting from the quiet engine operation at only 73dba.

### OPERATIONAL VERSATILITY

With a MULTI-PROCESS capability, the PRO 300 handles GMAW, GTAW, SMAW, CAAG processes with ease.

### INCREASED PRODUCTIVITY

Add an auxiliary welding device to the PRO 300 for simultaneous dual operator welding applications.

### AUXILIARY POWER 10 kVA 240 VAC

15 & 32 Amp single phase outlets provide plenty of power for lighting, power tools, and additional welding equipment.

### SOLID PERFORMANCE FOR PIPE WELDING, CONSTRUCTION & MAINTENANCE

Wide welding output range of 20-410 Amps for MMAW/GTAW and 14-40 Volts for GMAW provides job site versatility.

### RELIABILITY

The PRO 300 suits any environment, thanks to the fully enclosed vault circuit board protection against contaminants like moisture and dust.

### QUICK SET-UP & REVIEW

Operator friendly process selector panel and easy to read digital Amp & Volt meters reducing setup time.



### SAVE ON OPERATING COSTS

The efficiency of the low speed Caterpillar diesel engine delivers longer engine life, longer service intervals and lower fuel costs as the 45 litre tank provides up to 60 hours running time.

### FITTED WITH 2 X 15 AMP AND 1 X 32 AMP 240 VOLT OUTLETS; INCLUDES RCD & VRD

### LOW OCV - VOLTAGE REDUCTION DEVICE

Providing Open Circuit Voltage below 35 Volts for increased operator safety - AS/NZS 1674.2:2007.

Ask for data sheet M/5.21 for full details.

WELDING MODE	PROCESS	AMP/VOLTS RANGE	RATED OUTPUT	SINGLE PHASE GENERATOR POWER	DIMENSION (mm)	SHIPPING WEIGHT
CC/DC CV/DC	STICK / TIG MIG / FCAW	20 - 410 Amps 14 - 40 Volts	400A @ 23V, 30% DC 300A @ 32V, 60% DC	12,000 Watts (Peak) 10,000 Watts Single Phase 240 Volts	H: 813 W: 660 D: 1422	499kg

OPTIONAL ACCESSORIES	PART NO.
Miller 12VS X-Treme suitcase wirefeeder	MR300659
Bernard 300A gun with 3.6m cable	BEQ3012AR8EM
Bernard 300A gun with 4.6m cable	BEQ3015AE8EM
Argon regulator flow gauge	HA801AR
Interconnecting lead kit 10m	AM255-0/10

## TRAILBLAZER 302(K) & DIESEL

Part No. MR907216014-1 (Kohler Petrol) Part No. MR907218014-1 (Kubota Diesel)

### THE PROFESSIONAL WELDER'S CHOICE

Designed with the professional welder in mind who needs a machine with the best arc performance for all types of welding.

### QUIETEST ENGINE DRIVE IN ITS CLASS

Fully enclosed case protects the engine and decreases sound levels by 1/3 over previous models. Removable service doors provide easy access for engine maintenance.

### IMPROVED ARC PERFORMANCE

Four preset DIG settings for Stick, Adaptive, and Hot-Start.

### STRONG TWO GENERATOR POWER SYSTEM

A two generator system - one for welding and one for generating power - means no interaction between tools and the welding arc, and the strongest generator power while welding.

### 11,000 WATTS OF ACCU-RATED™ USEABLE PEAK POWER

Not inflated generator power.

### FITTED WITH 2 X 15 AMP RECEPTACLES AND 1 X 50 AMP USA RECEPTACLE

Includes RCD with diesel model.



WELDING MODE	PROCESS	AMP/VOLTS RANGE	RATED OUTPUT	SINGLE PHASE GENERATOR POWER	DIMENSION (mm)	SHIPPING WEIGHT
CC/AC CC/DC CV/DC	TIG Stick /TIG MIG/FCAW	10-300 Amps 10-225 Amps 17-28 Volts	280A @ 100% DC 300A @ 100% DC	10,500 Watts (Peak) 9,500 Watts (Continuous) 240 VAC, 44A, 60Hz	Petrol: H: 838 W: 508 D: 1156 Diesel: H: 870 W: 508 D: 1321	258kg - Petrol 327kg - Diesel

OPTIONAL ACCESSORIES	PART NO.
Miller 12VS X-Treme suitcase wirefeeder	MR300659
Bernard 300A gun with 3.6m cable	BEQ3012AR8EM
Bernard 300A gun with 4.6m cable	BEQ3015AE8EM
Argon regulator flow gauge	HA801AR
Interconnecting lead kit 10m	AM255-0/10



# [ENGINE DRIVEN MACHINES]



## TRAILBLAZER 302 AIR PAK AC/DC/CC/CV-AIR-POWER

Part No. MR907376003-1

### WELD-AIR-POWER

All in-one mobile tool providing 300 Amps of AC/DC multi-process welding output, 11kva 240 Volt auxiliary power and 26cfm at 150 psi of air for any site application.

### MULTI-PROCESS AND MULTI OPERATOR

Meet any site application with AC/DC Stick, AC/DC TIG, MIG, Fluxcore welding and Arc-Air-Gouging, coupled with the added ability to run air tools, spray painting or plasma cutting equipment whilst operating lighting towers and additional electrical equipment.

### ROTARY-SCREW COMPRESSOR

Delivers 26 cfm at 100% duty cycle.

### LOWER FUEL CONSUMPTION AND EMISSIONS

Air compressor, welder and generator are all run with one engine, reducing emissions and reducing fuel consumption up to 50%.

### IMPROVED ARC PERFORMANCE

Four preset DIG settings for Stick, Adaptive, and Hot-Start.

### STRONG TWO GENERATOR POWER SYSTEM

A two generator system - one for welding and one for generating power - means no interaction between tools and the welding arc, and the strongest generator power while welding.

### 11,000 WATTS OF ACCU-RATED™ USEABLE PEAK POWER

Not inflated generator power.

### FITTED WITH 2 X 15 AMP RECEPTACLES, RCD & VRD TO AUSTRALIAN STANDARDS

### SIZE AND WEIGHT

Takes only half the bed space of a separate engine-driven air compressor and welder, freeing up to 50% more room on your truck for equipment and supplies. Plus decrease axle weight up to 25%.

### BATTERY CHARGER/JUMP STARTER

- Provides selectable 12 or 24 volt battery charging capability
- Provides up to 450 Amps of battery jump-starting capability
- Convenient front panel battery charger/jump-starter access
- 25ft battery jumper cables available (#300 422)



### 2-GENERATOR ADVANTAGES

- 13,000 watts of voltage regulated power
- No interaction between grinders, power tools, etc. and the welding arc
- Generator power is independent of weld
- 4-pole weld generator produces the best arc quality

### INDUSTRIAL ROTARY SCREW AIR COMPRESSOR

- Runs most air impact wrenches at idle
- Produces 26 CFM of air at 100% duty cycle
- Delivers 70-150 PSI of air with no storage tank
- Gives 100% deliverable air
- Compressor is warranted by Miller for 3 years

### LOW OCV - VOLTAGE REDUCTION DEVICE

Providing Open Circuit Voltage below 35 Volts for increased operator safety - AS/NZS 1674.2:2007.

OPTIONAL ACCESSORIES	PART NO.
Miller 12VS X-Treme suitcase wirefeeder	MR300659
Bernard 300A gun with 3.6cm cable	BEQ3012AR8EM
Bernard 300A gun with 4.6m cable	BEQ3015AE8EM
Argon regulator flow gauge	HA801AR
Interconnecting lead kit 10m	AM255-0/10

WELDING MODE	PROCESS	AMP/VOLTS RANGE	RATED OUTPUT	SINGLE PHASE GENERATOR POWER	DIMENSION (mm)	SHIPPING WEIGHT
CC/AC	TIG	10-300 Amps	280A @ 100% DC	10,500 Watts (Peak)	H:838	258kg
CC/DC	Stick /TIG	10-225 Amps	300A @ 100% DC	9,500 Watts (Continuous)	W:508	
CV/DC	MIG/FCAW	17-28 Volts		240 VAC, 44A, 60Hz	D:1156	



# [ENGINE DRIVEN MACHINES]



## BOBCAT 250

Part No. MR907211018-1 (Kohler Petrol) Part No. MR907213013-1 (Kubota Diesel)

### BULLET PROOF INSIDE & OUT

Bobcat sets the industry standard for quality and value – thanks to its #1 rating when it comes to reliability.

### ULTIMATE VERSATILITY

Toughest most powerful twin-cylinder welder in its class, designed for the professional welder who needs a machine with excellent arc performance for all types of welding jobs.

### THE QUIET PERFORMER

The Bobcat petrol has a fully enclosed case that provides 1/3 less noise than previous models while fully protecting the engine.

### MULTI-PROCESS CAPABILITY

MIG, Stick, DC, AC, TIG.

### EXTREME PROTECTION

High impact protective panel provides a virtually indestructible barrier to damage from environmental contaminants and high temperatures.

### CRANKS OUT ENOUGH POWER FOR MOST APPLICATIONS

Including job site, rural environments, or home.

### SMOOTH GENERATOR POWER

Is the result of the revolutionary ten-degree skewed rotor design that optimizes generator performance.

### IMPROVED PERFORMANCE

With a MIG/FCAW/STICK rating of 250 Amps at 100% duty cycle, improved performance with E7018 electrodes and reduced spatter, while maintaining great E6010 arc performance.

### FITTED WITH 2 X 15 AMP RECEPTACLES AND 1 X 50 AMP USA RECEPTACLE



OPTIONAL ACCESSORIES	PART NO.
Miller 12VS X-Treme suitcase wirefeeder	MR300659
Bernard 300A gun with 3.6m cable	BEQ3012AR8EM
Bernard 300A gun with 4.6m cable	BEQ3015AE8EM
Argon regulator flow gauge	HA801AR
Interconnecting lead kit 10m	AM255-0/10

MODEL	PROCESS	AMP/VOLT RANGE	RATED OUTPUT	SINGLE PHASE GENERATOR POWER	DIMENSION (mm)	SHIPPING WEIGHT
CC/AC CC/DC CV/DC	TIG Stick / TIG MIG / FCAW	40-250 Amps 40 - 250 Amps 17-28 Volts	250A @ 28V, 100% DC 275A @ 5V, 60% DC	10,000 Watts (Peak) 9,500 Watts (Continuous) 240 VAC, 42A, 60Hz	Petrol: H: 838 W: 508 D:1156 Diesel: H: 870 W: 508 D:1321	252kg - Petrol 318kg - Diesel

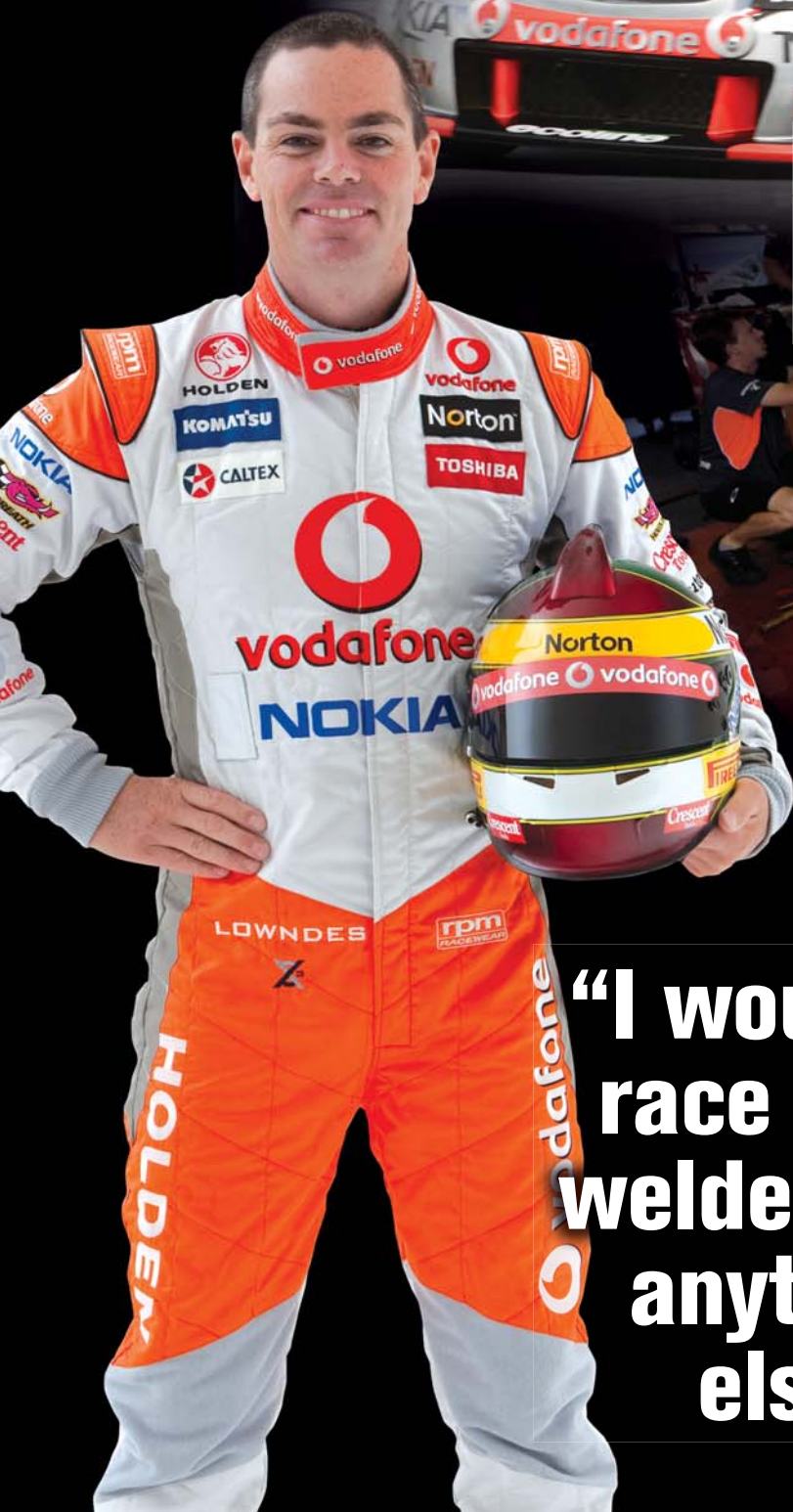




# Miller®



**TeamVodafone** relies on Miller Welding equipment & Auto-Darkening helmets to give them the edge when it comes to performance and safety on the track. As one of the leading V8 Supercar teams they wouldn't consider using anything other than the best when it comes to building a competitive race car – which is why Miller was the only choice.



**“I wouldn't  
race a car  
welded with  
anything  
else!”**



# Miller®

[welding.com.au](http://welding.com.au)

1300 300 884



# [TIG MACHINES]



## SYNCROWAVE 250DX & 350LX

250DX Part No. MR907408 350LX Part No. MR907409

### INDUSTRY STANDARD

The Syncrowave 250DX and 350LX have proven themselves time and time again in the most demanding applications. The industrial design and construction ensure reliable operation for years to come.

### HIGH PRECISION WELDING

Electronically controlled high performance AC/DC constant current power source for high precision TIG and Manual Arc welding with the flexibility to handle a wide variety of metals.

### EFFICIENT AND ADAPTABLE

The Syncrowave is a great choice for fabrication shops as well as vocational training facilities. A wide range of available options allows you to start simple and add features as you need them.

### SQUAREWAVE TECHNOLOGY

Developed by Miller Electric in 1976 to improve weld quality and make TIG welding easier.

### FEATURES:

- Square-wave AC output with balance control
- Last procedure recall
- Digital meters
- Built-in preflow timer (0.4 sec)

OPTIONAL ACCESSORIES:	PART NO.
350 Amp TIG torch 12' flex w/c	WM18F-12
Water-cooled torch adaptor	MR195377
Argon regulator & flow gauge	HA801AR
RMS-14 Remote ON/OFF switch & cable - 8m	MR187208
RCC-14 Remote finger tip control	MR151086
RFC5-14 Remote foot control	MR043554
Power factor correction kit	MR194692
Coolmate 3X W/cart & dual cylinder rack	MR300419
Torch accessory kit	WGAK3



OPTIONAL ACCESSORIES:	PART NO.
<b>Air-cooled torch connection kit</b>	<b>AA63-0/5</b>
Includes: Work lead clamp - 5m	
Gas hose with fittings - 5m	
Air-cooled torch adaptor	
TIG torch, 200 Amp air cooled flex head	WG26F12
Air-cooled torch adaptor	MR195379
<b>Water cooled torch connection kit</b>	<b>AA64-0/5</b>
Includes: Work lead with clamp - 5m	
Gas hose with fittings - 5m	
Water cooled hose & coupling	
Sequencer Module	MR195345
Pulser Module (for Syncrowave 250DX only)	MR195344

	INPUT POWER	OPEN CIRCUIT VOLTAGE	RATED OUTPUT	WELDING CURRENT RANGE	DIMENSIONS (mm)	SHIPPING WEIGHT
SYNCROWAVE 250 DX CE	60 Amps	80 Volt	225 Amps @ 40% Duty Cycle	3 - 310 Amps	H: 845 W: 572 D:635	172 kg
SYNCROWAVE 350 LX CE	80 Amps	80 Volt	350 Amps @ 40% Duty Cycle	3 - 400 Amps	H: 845 W: 572 D:635	255 kg



## DYNASTY 200DX

Part No. MR907356

### SUPERIOR ARC PERFORMANCE

200 Amp AC/DC Inverter based TIG/Stick welder with superior arc performance, even on the more difficult to run electrode types like E6010.

### ULTIMATE FLEXIBILITY

The patented state-of-the-art Auto-line™ technology automatically connects to a wide range of power supplies (120 to 460 VAC single or three phase) makes this machine ideal for maintenance jobs split between workshop and site work.

### REDUCED OCV FEATURE

Built-in VRD to Australian Standards.

### AC TIG FEATURES:

- Independent Amplitude/Amperage Control
- Extended Balance Control
- AC Frequency Control
- AC Waveforms Control x 4: Advanced Squarewave, Soft Squarewave, Sine Wave and Triangular Wave

Ask for data sheet AD/5.0 for more details.



### LOW OCV - VOLTAGE REDUCTION DEVICE

Providing Open Circuit Voltage below 35 Volts for increased operator safety - AS/NZS 1674.2:2007

OPTIONAL ACCESSORIES:	PART NO.
<b>MMAW &amp; TIG kit</b>	<b>AA60-0/3</b>
RCC-14 Remote finger tip control	MR151086
RFCS-14 Remote foot control	MR043554
Coolmate 3 water cooler (240 volt)	MR043008012

PRIMARY VOLTAGE	INPUT POWER	OPEN CIRCUIT VOLTAGE	RATED OUTPUT	WELDING CURRENT RANGE	DIMENSIONS (mm)	SHIPPING WEIGHT
120 - 460 Volt	Refer to leaflet AD / 4.8	80 Volt DC	200 Amps @ 20% Duty Cycle	1- 200 Amps	H: 343 W: 191 D: 546	20.5 kg

## DYNASTY 350

Part No. MR90720421

### LATEST TECHNOLOGY

This powerful, compact inverter type AC/DC welding power source delivers superior arc performance with total AC arc shaping capabilities.

### ULTIMATE FLEXIBILITY

Miller combines advanced inverter technology with Auto-Line™ technology for connection to any voltage or frequency in the world while using half the power of a conventional welding machine.

### REDUCED OCV FEATURE

Built-in VRD to Australian Standards.

### PERMANENT REDUCED OCV FEATURE

Eliminates the need for add-on VRD.

### AC TIG FEATURES:

- Independent Amplitude/Amperage Control
- Extended Balance Control
- AC Frequency Control
- AC Waveforms Control x 4: Advanced Squarewave, Soft Squarewave, Sine Wave and Triangular Wave

Ask for data sheet AD/5.0 for more details.



### LOW OCV - VOLTAGE REDUCTION DEVICE

Providing Open Circuit Voltage below 35 Volts for increased operator safety - AS/NZS 1674.2:2007.

OPTIONAL ACCESSORIES:	PART NO.
<b>Water-cooled torch connection kit, includes:</b>	<b>AA62-0/5</b>
Work lead with clamp - 3m	
Welding lead with electrode holder - 5m	
Gas hose with fittings - 5m	
Water cooled hose & connections	
Water cooled TIG torch adaptor dinse	
350 Amp TIG torch water-cooled 12FT flex head	
Remote ON/OFF switch & cable - 8m	
Argon regulator & flow gauge	
TIG torch accessory kit	
Dynasty 350 a/c torch adaptor	AA61-0/1
Dynasty 350 w/c torch adaptor	MR195377
RMS-14 Remote on/off switch & cable	MR187208
RFCS-14 Remote foot control	MR043554
Argon regulator & flow gauge	HA801AR
Coolmate 3 0.5. watercooler	MR300245
Torch accessory kit	WGAK3

OPTIONAL ACCESSORIES:	PART NO.
<b>Air-cooled torch connection kit</b>	<b>AA61-0/5</b>
Work lead clamp - 3m	
Welding lead with electrode holder - 5m	
Gas hose with fittings - 5m	
Air-cooled torch adaptor	
TIG Torch 200 Amp flex head	
Argon regulator & flow gauge	
TIG torch accessory kit	

PRIMARY VOLTAGE	INPUT POWER	OPEN CIRCUIT VOLTAGE	RATED OUTPUT	WELDING CURRENT RANGE	DIMENSIONS (mm)	SHIPPING WEIGHT
380 - 575 Vac	Refer to leaflet AD / 5.0	75 Volt DC	300 Amps @ 60% Duty Cycle	5- 350 Amps	H: 629 W: 349 D: 559	61 kg

# [MIG & MULTI-PROCESS MACHINES]

## DELTAWELD

DELTAWELD 602 Part No. MR907358 DELTAWELD 852 Part No. MR907359

### TOUGH PERFORMER

Deltaweld machines are engineered with power and endurance for tough manufacturing work – just name your application and the Deltaweld will tackle it.

### FAN-ON-DEMAND™ COOLING SYSTEM

Operates only when needed. Reduces contaminants drawn into the machine and excess noise in work areas.

### REMOTE CONTROL CAPABILITY

Allows the operator to fine tune the weld settings for critical applications.

### PRECISE WELDING CONTROL

Digital meters for presetting or monitoring welding voltage or amperage.

### OPERATOR SAFETY

Internal components are protected from damage by thermal overload protection which automatically shuts down the unit if duty cycle is exceeded or air flow and cooling are restricted.



BASE OPTIONS:	PART NO.
Running gear	MR042886
Cylinder rack	MR042887

	PRIMARY VOLTAGE	INPUT POWER	RATED OUTPUT	WELDING CURRENT RANGE	DIMENSIONS (mm)	SHIPPING WEIGHT
DELTAWELD 602	415 Vac	380 / 400 / 440 50 / 60 Hz	450 Amps @ 38 Volts, 100% Duty Cycle	50 - 600 Amps	H: 762 W: 585 D: 966	174kg
DELTAWELD 852	415 Vac	380 / 400 / 440 50 / 60 Hz	650 Amps @ 44 Volts, 100% Duty Cycle	50 - 850 Amps	H: 762 W: 585 D: 966	214kg

## DIMENSION SERIES

DIMENSION 562 Part No. MR907360 DIMENSION 812 Part No. MR907361

### VERSATILE AND DURABLE

Miller's Dimension Series of the three-phase, CC/CV DC power sources provide outstanding versatility, plus the endurance to handle demanding industrial applications. Engineered to provide exceptional performance across a variety of arc welding processes.

### INCREASED PRODUCTIVITY

Multi-Process capability - GMAW, GTAW, MMAW, FCAW, CAAG convenience from one power source to suit any job application.

### RELIABLE PERFORMANCE

For heavy duty applications. High duty cycle output 650 Amps 44 Volts at 100% duty cycle 50-815 Amps welding output.

### REDUCED SERVICING REQUIRED

The fan on demand saves power and prevents contaminants from being drawn into the machine.

### LOWER OPERATING COSTS

The design and efficiency of the transformer reduces annual utility costs and provides quicker return on your investment.

### ARC CONTROL

Hot start feature provides the operator greater arc control & makes hard to start electrodes easy.

### QUICK SET-UP & REVIEW

Operator friendly process selector panel and easy to read digital Amp & Volt meters reducing set-up time.



### SOLID PERFORMANCE

Even when welding with lower arc voltages the Dimension 812 still operates at a 100% duty cycle.

BASE OPTIONS:	PART NO.
Running gear	MR042886
Cylinder rack	MR042887
Miller 12VS X-Treme suitcase wirefeeder	MR300659
Miller 70 Series S-74S 4 roll drive wirefeeder	MR300616
Suitcase 12RC W/CE, Euro ROHS	MR300663004
Interconnecting lead kit 10m	AM264-0/10
Bernard 440A gun with 3.6 cable	BEQ402AR8EM
Argon Regulator flow gauge	HA801AR

	PRIMARY VOLTAGE	INPUT POWER	RATED OUTPUT	WELDING CURRENT RANGE	DIMENSIONS (mm)	SHIPPING WEIGHT
DIMENSION 562	415 Vac	380 / 400 / 440 50 / 60 Hz	450 Amps @ 38 Volts, 100% Duty Cycle	20 - 565 Amps	H: 762 W: 585 D: 966	192kg
DIMENSION 812	415 Vac	380 / 400 / 440 50 / 60 Hz	650 Amps @ 44 Volts, 100% Duty Cycle	50 - 815 Amps	H: 762 W: 585 D: 966	247kg



## Pipepro 450

### Root - Fill - Cap

The one package pipe welding solution for both field and shop fabrication



## PIPEPRO 450

Part No. MR907297

### THE ONE-PACKAGE PIPE WELDING SOLUTION

For both field and shop fabrication. Multi-process capabilities include new patented RMD Pro and Pro Pulse which are optimized for steel and stainless steel pipe welding.

### INCREASED VERSATILITY

Full Multi-Process capability – RMD™ Pro-Pulse™, MMAW, GTAW, GMAW, FCAW & CAAG.

### TIG QUALITY ROOT PASS WELDS RMD™

Pro provides consistent and stable Arc/puddle transfer for X-Ray quality welds.

### ULTIMATE FLEXIBILITY

The patented Auto-line™ feature allows the PipePro 450 to be plugged in anywhere worldwide on either single or three phase power (208 – 575 Volts).

### WELDER TRAINING REDUCED

Synergic process allows the most novice welders to produce high quality welds with minimal training.

### PIPE PREPARATION REDUCED

No need to prepare pipe with a feather/knife edge RMD™. Pro gives perfect results with standard landings and root gaps up to 5mm.

### FAN-ON-DEMAND™ COOLING SYSTEM

Operates only when needed and reduces amount of airborne contaminants pulled through machine.

The one-package pipe welding solution for field and shop fabrication. Full multi-process capabilities include patented RMD Pro and Pro-Pulse, optimized for steel and stainless steel pipe welding. MMAW, TIG, FCAW and Carbon Arc Air Gouging.

Ask for data sheet PWS/1.0 for full details.



OPTIONAL ACCESSORIES	PART NO.
DX dual wirefeeder	MR300228
DX Single wirefeeder	MR300227
Pipepro 12 RC suitcase wirefeeder	MR195392
Pipeworx gun & cable package 1.5m	MR300241
Pipeworx gun & cable package 7.5m	MR300334
MIG runner XL cart	MR300334
Interconnecting lead kit - 2m	AM264-0/2
Interconnecting lead kit - 5m	AM264-0/5
Interconnecting lead kit - 10m	AM264-0/10
Argon regulator	HA801AR
Bernard 440A gun with 3.6 cable	BEQ4012AR8EM

PRIMARY VOLTAGE	INPUT POWER	OPEN CIRCUIT VOLTAGE	RATED OUTPUT	WELDING CURRENT RANGE	DIMENSIONS (mm)	SHIPPING WEIGHT
208 - 575 Volts	Single or Three phase	80 Volts	450 Amps @ 44 Volts 100% Duty Cycle	5 - 600 Amps	H: 1041, W: 394, D: 559	72.9 kg

# [MIG & MULTI-PROCESS MACHINES]

## XMT® 350MPa CC/CV/PULSE

Part No. MR907366002

### 425 AMP FULL MULTI-PROCESS INVERTER WITH BUILT-IN PULSE MIG

#### PULSE FLEXIBILITY

The XMT 350 MPa coupled with the SuitCase 12VS X-Treme wirefeeder provides the ultimate flexibility for Pulse Welding Aluminium on-site.

#### ULTIMATE FLEXIBILITY

The patented Auto-Line feature allows the XMT 350MPa to be plugged in anywhere worldwide on either single or three phase power (208 – 575 Volts).

#### INCREASED PRODUCTIVITY

Multi-Process capability -GMAW, GTAW, MMAW, FCAW, CAAG and Pulse welding convenience from the one power source to suit any job application.

#### PORTABILITY & REDUCED RUNNING COSTS

Due to the latest in Inverter technology.

#### QUICK SET-UP & REVIEW

Operator friendly process selector panel and easy to read digital Amp and volt meters reducing set-up time.

#### ROBUST CASE DESIGN

Aerospace aluminium for maximum protection for on-site environments and extreme conditions.

#### SPATTER FREE WELDS

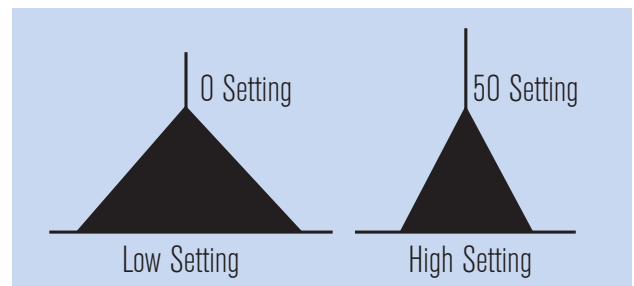
Built-in Pulse MIG with SharpArc™ that provides total control over the arc cone shape, puddle fluidity and bead profile for more controlled welding – even on 240 volt power.

#### SOLID PERFORMANCE FOR PIPE WELDING, CONSTRUCTION & MAINTENANCE

Wide welding output range of 5 – 425 Amps MMAW/GTAW and 10-38 Volts for GMAW/PULSE provides job site versatility.

#### LOW OCV - VOLTAGE REDUCTION DEVICE

Providing Open Circuit Voltage below 35 Volts for increased operator safety - AS/NZS 1674.2:2007.



A **LOW** Setting gives a more fluid puddle and a flatter bead appearance.

A **HIGH** Setting gives a less fluid puddle and a ropier bead appearance.

OPTIONAL ACCESSORIES	PART NO.
22A wirefeeder	MR300615
S-74S wirefeeder	MR300616
Suitcase X-Treme 12VS voltage sensing wirefeeder	MR300659
Suitcase 12RC W/Meters - wirefeeder	MR300663004
Interconnecting lead kit - 2m	AM294-0/2

OPTIONAL ACCESSORIES	PART NO.
Bernard Q400 Gun, fixed medium neck, 3.6m cable - Centerfire	BEQ4012AR8EM
Universal large cylinder cart	MR042934
MIG runner cart	MR195445
Argon regulator & glow gauge	HA801AR

PRIMARY VOLTAGE	INPUT POWER	OPEN CIRCUIT VOLTAGE	RATED OUTPUT	WELDING CURRENT RANGE	DIMENSIONS (mm)	SHIPPING WEIGHT
208 - 575 V	Single or Three Phase	75 Volts, reduces to 15V in low OCV mode	350 Amps @ 34 Volts 60% Duty Cycle	5 - 425 Amps	H: 432 W: 318 D: 610	36.3kg



# [MIG & MULTI-PROCESS MACHINES]



## XMT 350 (CC/CV)

Part No. MR907161012 (XMT 350 with aux. power)

**OUTSTANDING 425 AMP MULTI-PROCESS INVERTER WITH BUILT-IN FEATURES PROVIDING THE ULTIMATE IN PRODUCTIVITY**

### ULTIMATE FLEXIBILITY

The patented Auto-Line feature allows the XMT 350 to be plugged in anywhere worldwide on either single or three phase power (208 – 575 Volts).

### INCREASED PRODUCTIVITY

Multi-Process capability -GMAW, GTAW, MMAW, FCAW, CAAG and Pulse welding convenience from the one power source to suit any job application.

### PORTABILITY & REDUCED RUNNING COSTS

Due to the latest in Inverter technology.

### QUICK SET-UP & REVIEW

Operator friendly process selector panel and easy to read digital Amp & Volt meters reducing set-up time.

### ROBUST CASE DESIGN

Aerospace aluminium for maximum protection for onsite environments and extreme conditions.

### SPATTER FREE WELDS

Pulse MIG capable with optional optima pendant for more controlled welding – even on 240 volt power.

### AUXILIARY POWER

115 volt AC power. HF unit, Electrode ovens and CO2 gas heaters.

### SOLID PERFORMANCE FOR PIPE WELDING, CONSTRUCTION & MAINTENANCE

Wide welding output range of 5 – 425 Amps MMAW/GTAW and 10-38 Volts for GMAW/Pulse provides job site versatility.

### LOW OCV - VOLTAGE REDUCTION DEVICE

Providing Open Circuit Voltage below 35 Volts for increased operator safety - AS/NZS 1674.2:2007.



**TRUEBLUE**  
3YR WARRANTY

OPTIONAL ACCESSORIES	PART NO.
22A wirefeeder	MR300615
S-74S wirefeeder	MR300616
Suitcase X-Treme 12VS voltage sensing wirefeeder	MR300659
Suitcase 12RC W/Meters - wirefeeder	MR300663004
Interconnecting lead kit - 2m	AM294-0/2
22A Wirefeeder- 0.9/1.2 feed rolls & Bernard gun included	
S-74S wirefeeder standard	
Suitcase 12RC W/Meters, Rem Volts, trig hold	
Suitcase X-Treme 12VS voltage sensing wirefeeder	
Interconnecting lead kit - 10m (22A & 74S series wirefeeder)	AM294-0/10
Bernard Q400 gun, fixed medium neck, 3.6 cable - Centrefire	BEQ4012AR8EM
Ironmate gasless gun 350A with 4.6 cable	
Universal large cylinder cart	MR042934
MIG runner cart	MR195445
Argon regulator & flow gauge	HA801AR

PRIMARY VOLTAGE	INPUT POWER	OPEN CIRCUIT VOLTAGE	RATED OUTPUT	WELDING CURRENT RANGE	DIMENSIONS (mm)	SHIPPING WEIGHT
208 - 575 V	Single or three phase	75 Volts, reduces to 15V in low OCV mode	350 Amps @ 34 Volts 60% duty cycle	5 - 425 Amps	H: 432 W: 318 D: 610	42kg



# [MIG & MULTI-PROCESS MACHINES]



# BRING IT ON!

**Durable. Portable. Versatile.**



## X-TREME 12VS WIREFEEDER

Part No. MR300659 (with Gas Solenoid, Contractor, Meters and Trigger Hold)

### CONSISTENT WIREFEED

The drive system features two gear-driven rollers for precise wire feed.

### HIGHER DUTY CYCLE

Longer welding periods suitable for higher amperage applications due to the heavy duty contactor rated at 425 Amps at 60%.

### QUICK SET-UP & REVIEW

Operator friendly adjustments including easy to read digital Amp & Volt meters.

### SUPERIOR LOW END PERFORMANCE

Excellent arc performance and welding characteristics when welding at lower currents, either with small wire sizes or out of position applications.

### OPERATOR CONVENIENCE

Packed with features at your fingertips –including emergency isolation on/off switch, trigger hold, gas purge and wire inch.

### QUICK CHANGE ROLLERS

No tools required due to Miller's patented quick lock hub system providing the operator quick and easy drive roller change when switching between wire sizes.

### RELIABILITY

Even in the harshest environments the single potted tray circuit board design reduces maintenance costs and downtime.

### ROBUST CASE DESIGN

For maximum impact protection for all onsite environments and extreme conditions while extending consumable storage life.

### TRUE BLUE 3 YEAR WARRANTY

Parts and labour covered by a 3 year warranty for peace of mind.

### BETTER ARC STARTS

The soft arc feature provides consistent arc starting when using smaller wire sizes.



OPTIONAL ACCESSORIES	PART NO.
Bernard 390A gun with 3.6m cable	BEQ3012AR8EM
Argon regulator flow gauge	HA801AR
Interconnecting lead kit 10m	AM255-0/10

INPUT POWER	WELDING MODE	RATED OUTPUT	WIRE DIAMETER	WIRE SPEED	DIMENSIONS (mm)	SHIPPING WEIGHT
Open circuit Arc Voltage 14-18VDC	CV OR CC/DC	425 Amps @ 60% Duty Cycle	Solid 0.6 – 2.0 mm Cored 0.8 – 2.0 mm	1.3 – 19.8m/min	H: 533 W: 229 D: 394	15.9 kg



# [MIG & MULTI-PROCESS MACHINES]

## 70 SERIES WIREFEEDERS

S-74S 4 Roll Drive Standard Part No. MR300616 S-74D 4 Roll Drive Digital Meters Part No. MR300617  
S-74DX 4 Roll Drive Digital Deluxe Part No. MR300618 S-74 MPa Plus 4 Roll Drive Synergic MR300577

### ENHANCED FLEXIBILITY

Raising the bar for industrial-class wire feeders available in 4 roll drive models providing traditional and advanced features.

### INCREASED LIFE OF COMPONENTS

Toolless rotatable drive assembly allows operator to rotate the drive housing, eliminating severe bends in the wire feed path which reduce gun liner life, and aids in feeding difficult wires.

### IMPROVED ARC STARTS

Due to the Automatic Run-in Control.

### REDUCED OPERATOR FATIGUE

Trigger hold allows the operator to make long welds without having to hold the trigger continuously.

### SUITED TO DELTAWELD, DIMENSION, XMT AND INVISION POWER SOURCES

Ask for data sheet M/3.0 for more details.

Drive Rollers not included



**TRUE BLUE**  
3YR WARRANTY

OPTIONAL ACCESSORIES	PART NO.
Bernard 300A gun with 3.6m cable	BEQ3012AR8EM
Bernard 400A gun with 3.6m cable	BEQ4012AE8EM
Interconnecting lead set, 5m	AM264-0/5
Interconnecting lead set, 10m	AM264-10

INPUT POWER	WELDING MODE	WIRE DIAMETER	WIRE SPEED	DIMENSIONS (mm)	SHIPPING WEIGHT
24 VAC	CV/DC	0.6 - 3.2 mm	1.3 - 19.8 m/min	H: 356 W: 305 D: 673	26kg

## 22A WIREFEEDER

Part No. MR300615

### TROUBLE FREE OPERATION

2-roll drive wirefeeder suited for high duty cycle applications requiring day-in/day-out trouble-free operation.

### REDUCED OPERATOR FATIGUE

Trigger hold allows the operator to make long welds without having to hold the trigger continuously.

### SMOOTH, POSITIVE WIRE FEED

Provided by two gear-driven drive rolls.

### EXCELLENT STARTING AND STOPPING PERFORMANCE

From the on-board Burnback and Motor Ramp Control.

### SUITED TO DELTAWELD, DIMENSION, XMT & INVISION POWER SOURCES

Ask for data sheet M/11.0 for more details.

Drive Rollers not included



**TRUE BLUE**  
3YR WARRANTY

OPTIONAL ACCESSORIES	PART NO.
Bernard 300A gun with 3.6m cable	BEQ3012AR8EM
Bernard 400A gun with 3.6m cable	BEQ4012AE8EM
Interconnecting lead set, 5m	AM264-0/5
Interconnecting lead set, 10m	AM264-10
Argon regulator flow gauge	HA801AR

INPUT POWER	WELDING MODE	WIRE DIAMETER	WIRE SPEED	DIMENSIONS (mm)	SHIPPING WEIGHT
24 VAC	CV/DC	0.6 - 2.0 mm	1.9 - 19.8m / min	H: 279 W: 273 D: 597	15.4kg

# [INDUCTION HEATING]

## PROHEAT 35

Part No. MR907298

### 35KW PORTABLE INDUCTION HEATING SYSTEM

- Pre and Post weld Heating
- Operator Safety
- Reduced Operator Fatigue
- Fast Time To Temp
- Quick & Easy Setup
- Uniform Heating
- Minimal Heating Costs \$\$\$
- Low Greenhouse Emissions

### REDUCED PREHEATING TIME BY UP TO 400%

Miller's Induction Heating system brings a part to temperature in a fraction of the time, compared to traditional flame and resistance heating processes. It also holds the part at the specified temperature. Miller Pro-Heat™, pre-heat time can be reduced by up to 400%. To put this in perspective, companies using the Pro-Heat™ have reduced pre-heating time from over two hours to just 30 minutes.

### SAFE WORKING ENVIRONMENT

Welders are not exposed to open flames, explosive gases and hot elements associated with fuel gas heating and resistance heating, reducing operator fatigue and creating a much safer working environment.

### COST SAVINGS

Compared to flame or resistance heating, Miller's unique Induction Heating technology can potentially save you thousands simply by reducing heating times, and boosting productivity.

### MAINTAIN STRICT QUALITY CONTROL ACROSS HEATING APPLICATIONS, BY DIGITAL RECORDING AND SETTING HEAT APPLICATION DATA.



### APPLICATIONS

- Mine maintenance (including manufacturing and maintenance on: buckets, idler rollers and dragline components)
- Drilling components
- Pipe welding and coating
- Ship Building
- The Pro-Heat™ is also ideal for Post-Weld heat treatment up to 750oC

OPTIONAL ACCESSORIES	PART NO.
25 Foot interconnect control extension	MR042985
Remote contactor control	MR043932
Induction Blanket Sleeve, 127 X 7.5, (36" Pipe)	MR194705
Induction Blanket Sleeve, 87 X 9.0, (24" Pipe)	MR194706
Induction Blanket Sleeve, 68 X 9.0, (18" Pipe)	MR194707
Induction Blanket Sleeve, 159 X 7.5, (46" Pipe)	MR194809
Induction Blanket Sleeve, 114 X 7.5, (32" Pipe)	MR194811
Induction Blanket Sleeve, 120 X 7.5, (34" Pipe)	MR194812
Induction Blanket Sleeve, 133 X 7.5, (38" Pipe)	MR194813
Induction Blanket Sleeve, 62 X 10.1, (16" Pipe)	MR194887
Induction Blanket Sleeve, 55 X 10.1, (14" Pipe)	MR194888
Induction Blanket Sleeve, 49 X 10.1, (12" Pipe)	MR194889
Insulation Blanket, PWHT, 2.5" Pipe (1 x 12" x 15")	MR194947
Insulation Blanket, PWHT, 4" Pipe (1 x 12" x 21")	MR194948
Insulation Blanket, PWHT, 6" Pipe (1 x 12" x 33")	MR194949
Insulation Blanket, PWHT, 8" Pipe (1 x 18" x 39")	MR194950
Insulation Blanket, PWHT 10" Pipe (1 x 18" x 45")	MR194951
Insulation Blanket, PWHT, 12" Pipe (1 x 18" x 50")	MR194952
Insulation Blanket, PWHT 14" Pipe (1 x 18" x 54")	MR194953
Insulation Blanket, PWHT, 16" Pipe (1 x 18" x 58")	MR194954
Insulation Blanket, PWHT, 18" Pipe (1 x 24" x 67")	MR194955
Insulation Blanket, PWHT, 20" Pipe (1 x 24" x 73")	MR194956

OPTIONAL ACCESSORIES	PART NO.
Insulation Blanket, PWHT, 22" Pipe (1 x 24" x 79")	MR194957
Insulation Blanket, PWHT, 24" Pipe (1 x 24" x 85")	MR194958
Insulation Blanket, PWHT 21" pipe (24 x 76)	MR300449
Thermocouple Attachment Unit	MR194959
Rope, High Temperature, 1" Wide, 50 Ft. Roll	MR194965
Cable, Thermocouple Extension, 6 Pair Type K, 50 ft.	MR194968
Insulation Blanket, PWHT, 28" Pipe (1 x 24" x 98")	MR194998
Type K Thermocouple Wire (500 ft.)	MR194999
Thermocouple Connector Male, 2 Pin (Package of 10)	MR195098
Induction Blanket Sleeve, 40 X 13.1, (8.625" Pipe)	MR195337
Induction Blanket Sleeve, 45 X 11.3, (10.75" Pipe)	MR195338
Digital Recorder with Protective Enclosure	MR195374
Insulation, Preheat, Woven Silica (1/2" x 6" x 240")	MR195376
25 Foot Output Cable, Liquid Cooled, ProHeat	MR195402
50 Foot Output Cable, Liquid Cooled, ProHeat	MR195403
Cable, Output, 25', ProHeat, Air Cooled	MR195404
Cable, Output, 50', ProHeat, Air Cooled	MR195405
Heavy Duty Induction Cooler	MR195406
Running Gear, ProHeat	MR195436
Cable, 28" Series Adapter, ProHeat (Connects two blankets in series)	MR195437
Insulation Blanket, PWHT, 7" Pipe (1 x 18" x 34")	MR195476
Insulation Blanket, PWHT, 5" Pipe (1 x 12" x 26")	MR195477



# [INDUCTION HEATING]



PRIMARY VOLTAGE	INPUT POWER	OPEN CIRCUIT VOLTAGE	RATED OUTPUT	WELDING CURRENT RANGE	DIMENSIONS (mm)	SHIPPING WEIGHT
208 - 575 V	5-30 kHz	60 Amps	35 kW @ 100% Duty Cycle	Ambient- 7500C	H: 699 W: 552 D: 933	120kg

OPTIONAL ACCESSORIES	PART NO.
Insulation Blanket, PWHT, 26" Pipe (1 x 24" x 91")	MR195502
Induction Blanket Sleeve, 74 X 9.0, (20" Pipe)	MR198664
Induction Blanket Sleeve, 81 X 9.0, (22" Pipe)	MR198665
Induction Blanket Sleeve, 94 X 9.0, (26" Pipe)	MR198666
Induction Blanket Sleeve, 100 X 9.0, (28" Pipe)	MR198667
Induction Blanket Sleeve, 107 X 9.0, (30" Pipe)	MR198668
Induction Blanket Sleeve, 146 X 7.5, (42" Pipe)	MR198669
Induction Blanket Sleeve, 166 X 7.5, (48" Pipe)	MR198670
Cable, Extension, 25' Type K, Armored	MR200201
Temperature Sensor	MR200202
Induction Blanket Sleeve, 179 X 7.5, (52" Pipe)	MR200262
Heating Cable Preheat Cover, 30 Foot	MR204611
Heating Cable Preheat Cover, 50 Foot	MR204614
Heating Cable Preheat Cover, 80 Foot	MR204620
Insulation, Preheat, Woven Silica (1/2" x 6" x 120")	MR204669
Hose Assembly, Quick Connect	MR204877
Insulation Blanket, PWHT, 30" Pipe (1 x 24" x 105")	MR207817
Insulation, Preheat, Woven Silica (1/2" x 12" x 120")	MR211474
Induction Blanket Sleeve, 193 X 7.5, (56" Pipe)	MR217628
Induction Blanket, 185 X 7.5, (56" Pipe) w/sleeve	MR224584
Liquid Cooled Heating Cable, 30 Foot, ProHeat	MR300045
Liquid Cooled Heating Cable, 50 Foot, ProHeat	MR300046

OPTIONAL ACCESSORIES	PART NO.
Liquid Cooled Heating Cable, 80 Foot, ProHeat	MR300047
Liquid Cooled Heating Cable, 140 Foot, ProHeat	MR300049
Induction Blanket, 173 X 7.5, (52" Pipe) w/sleeve	MR300060
Induction Blanket, 160 X 7.5, (48" Pipe) w/sleeve	MR300061
Induction Blanket, 154 X 7.5, (46" Pipe) w/sleeve	MR300062
Induction Blanket, 141 X 7.5, (42" Pipe) w/sleeve	MR300063
Induction Blanket, 129 X 7.5, (38" Pipe) w/sleeve	MR300064
Induction Blanket, 122 X 7.5, (36" Pipe) w/sleeve	MR300065
Induction Blanket, 116 X 7.5, (34" Pipe) w/sleeve	MR300066
Induction Blanket, 110 X 7.5, (32" Pipe) w/sleeve	MR300067
Induction Blanket, 104 X 9.0, (30" Pipe) w/sleeve	MR300068
Induction Blanket, 97 X 9.0, (28" Pipe) w/sleeve	MR300069
Induction Blanket, 91 X 9.0, (26" Pipe) w/sleeve	MR300070
Induction Blanket, 85 X 9.0, (24" Pipe) w/sleeve	MR300071
Induction Blanket, 78 X 9.0, (22" Pipe) w/sleeve	MR300072
Induction Blanket, 72 X 9.0, (20" Pipe) w/sleeve	MR300073
Induction Blanket, 66 X 9.0, (18" Pipe) w/sleeve	MR300074
Induction Blanket, 60 X 10.1, (16" Pipe) w/sleeve	MR300075
Induction Blanket, 53 X 10.1, (14" Pipe) w/sleeve	MR300077
Induction Blanket, 47 X 10.1, (12" Pipe) w/sleeve	MR300078
Induction Blanket, 11.3 X 44, (10.75" Pipe) w/sleeve	MR300079
Induction Blanket, 13.1 X 40, (8.625" Pipe) w/sleeve	MR300080



# [ANCILLARY EQUIPMENT]

## COOLMATE 3

Part No. MR043007012 (115 VOLT) Part No. MR043008012 (230 VOLT)

### COOLMATE 3 115 VAC, 50/60Hz

For use with water-cooled torches rated up to 600 Amps. Runs on 115 VAC. Unique paddle-wheel indicator, external filter and easy-fill spout. 3 gallon capacity.

### COOLMATE 3 230 VAC, 50/60Hz

For use with water-cooled torches rated up to 600 Amps. Runs on 230 VAC. Unique paddle-wheel indicator, external filter and easy-fill spout. 3 gallon capacity.



## COOLMATE 4

Part No. MR042288015

### COOLMATE 4 115 VAC

For use with water-cooled torches rated up to 600 Amps. Runs on 115 VAC. The best performer in its class. Tough molded polyethylene case with carrying handle. 4 gallon capacity.



## COOLRUNNER™ 3X

Part No. MR300419

Conveniently mounts under the Syncrowave 250 DX or 350 LX to provide the perfect solution for industrial, water-cooled TIG applications. For water-cooled TIG torches rated up to 500 Amps. 3 gallon capacity.

Includes wheels, handles and dual cylinder rack.



## HIGH FREQUENCY ARC STARTER

Part No. MR042388 HF-251D-1 (115 Volt AC) Part No. MR042387 HF-251-2 (230 Volt AC)

Portable 250 Amp, 60% duty cycle units add high-frequency to the welding circuit to help start the arc when using TIG process.



welding.com.au

1300 300 884





# *vortex*

## **Heavy Duty Welding Protection**

***Providing the ultimate protection from  
welding fumes and dust, particularly  
when using flux-cored wires.***

- Digital lens technology, with X-Mode, suits out-of-position and outdoor applications.
- Flexibility to weld, cut and grind with one helmet.
- Two adjustable air flow settings 160 and 200 litres/minute.
- Audible, vibration and visual alarm.
- Back harness for maximum operator safety.
- Lithium ion battery – charges in 3 hours.
- Large viewing area.



[welding.com.au](http://welding.com.au)

1300 300 884

## SERIOUS PROTECTION WITH *attitude*

Check out the extensive range of Miller Auto-Darkening Helmets designed for your ultimate protection and comfort. Every Miller helmet delivers the performance, protection and features you'd expect from the very best. Choose the one that's right for you.

### Digital Elite™ Series – The Ultimate Helmet For The Most Demanding Applications

The Digital Elite™ series has been designed for serious welders who need protection for heavy duty welding jobs. With a 30% larger viewing area than the standard range and four independent arc sensors for arc sensing capability, it can adapt to the toughest welding applications and environments. Highly recommended for ultra low down TIG and out-of-position welding.

It is our most versatile helmet, offering four operating modes;

❶ Weld, ❷ Cutting, ❸ Grind, and ❹ X-Mode (Weld). X-Mode uses electromagnetic arc sensing to eliminate sunlight interference (outdoors), intermittent sensing (pipe and hidden welds), and low-amperage lens openings (TIG).

#### **DIGITAL LENS TECHNOLOGY**

For the  
Ultimate Control



#### Features

- Variable welding shades 9 - 13.
- 30% larger viewing area than our standard lens for maximum viewing capacity.
- Four independent arc sensors provide continuous arc sensing for your most demanding applications. Lens automatically switches from light safety shade to adjustable welding shades 9 - 13 when an arc is struck. Lens reaction time is 1/20,000.
- Lens technology responds to extremely low amperage TIG arcs (5 Amps and below), incl. DC inverter TIG.
- Battery-powered (replaceable) with solar-assist for exceptionally long life and no charging required! Low battery indicator.
- Auto on/off function.
- Weighs only 510g.
- Includes magnifying lens holder.
- Grind mode.
- Comfortable fully adjustable ratchet style headgear with odour absorbing headband and comfort cushion.
- Lightweight polyamide nylon shell for excellent durability and maximum comfort.
- 2 year warranty (lens only).
- High Impact Shell meets ANSI Z87.1-2003 (High Impact) standard.
- Accessory pack. Includes helmet bag, comfort cushion and replacement cover lenses.



Lucky's Speed Shop - 237745



Joker - 235041



Wicked - 241462



Inferno - 234761



Classic Black - 234763





# [AUTO-DARKENING WELDING HELMETS]

## Performance™ Series – Our Mid-Range Helmet For All Welding Applications

### Features

- Variable welding shades 9 - 13 .
- Three independent arc sensors. Provides continuous arc sensing capability. Lens automatically switches from light safety shade to adjustable welding shades 9 - 13 when an arc is struck. Lens reaction time is 1/20,000.
- Lens technology responds to extremely low amperage TIG arcs (5 Amps and below), including DC inverter TIG.
- Battery-powered (replaceable) with solar-assist for exceptionally long life and no charging required! Low battery indicator.
- Auto on/off function.
- Grind mode.
- Comfortable fully adjustable ratchet style headgear with odour absorbing headband and comfort cushion.
- Lightweight polyamide nylon shell for excellent durability and maximum comfort.
- 2 year warranty (lens only).
- High Impact Shell meets ANSI Z87.1-2003 (High Impact) standard.
- Accessory pack. Includes helmet bag, comfort cushion and replacement cover lenses.



Blue Rage - 241458

Classic Black - 232035



### Accessories

#### Miller Helmet Bag

- Features draw string closure, ultra-soft inside liner and convenient exterior storage pouch for gloves and glasses.



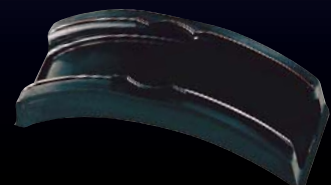
#### Magnifying Lenses

- Add some extra boost to your Miller Auto-Darkening Helmet with a magnifying lens.



#### Headgear Cushion

- Foam rubber cushion to fit to the rear of the headgear. Fits all models. Increases comfort and reduces fatigue when welding for extended periods.



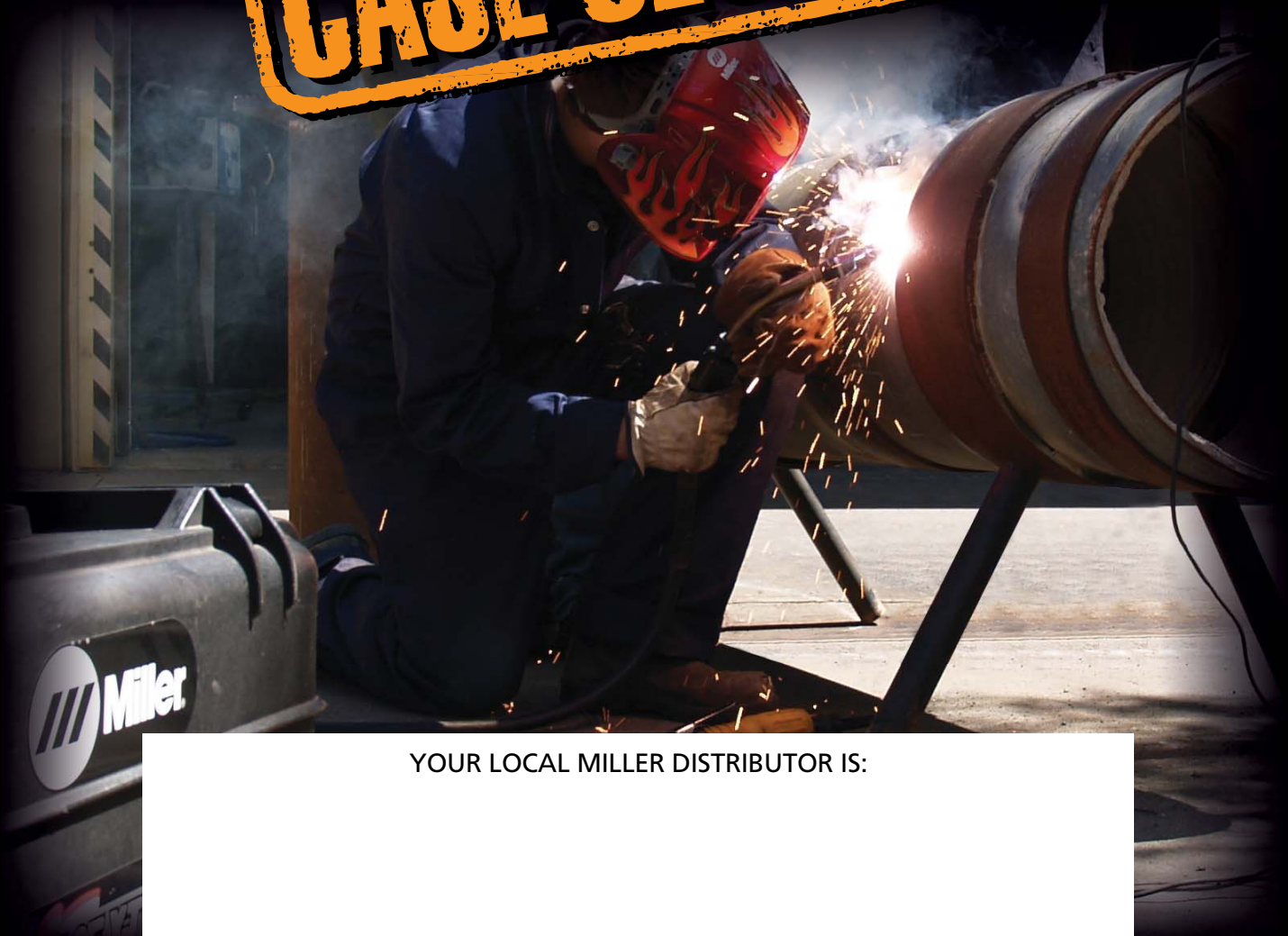
### Helmet Accessories Chart

REPLACEMENT PARTS	PERFORMANCE™ SERIES	DIGITAL ELITE™ SERIES
INSIDE COVER LENS (5PK)	770237P	216327P
FRONT COVER LENS (5PK)	231921P	216326P
RATCHET HEADGEAR ASSEMBLY	770246	770246
SWEATBAND TOWELLING (5PK)	770299	770299
LITHIUM BATTERY	217043	217043 (2 REQUIRED)
ADJUSTMENT ANGLE/STOP KIT	770248	770248
COMFORT CUSHION, FOAM RUBBER	216336	216336
OPTIONAL COMPONENTS		
MAGNIFYING LENS 1.5X	212238P	212238P
MAGNIFYING LENS 2.0X	212240P	212240P
MAGNIFYING LENS 2.5X	212242P	212242P
HELMET CARRY BAG WITH MILLER LOGO	770250	770250



# Toughest Welders...

**CASE CLOSED**



YOUR LOCAL MILLER DISTRIBUTOR IS:



[welding.com.au](http://welding.com.au)

1300 300 884